
**CHECKLIST #0200 FOR THE APPROVAL OF:
COOLERS AND FREEZERS (EXPOSED TO WIND FORCES)**

- ☐ Basic Requirements Checklist.
- ☐ One set of the manufacturer's 'approval document' including:
 - a. Assembly details including all connections,
 - b. Fastener diagram with size and location, corresponding to test and calculations,
 - c. Must clearly indicate that provisions for diaphragm action, or racking and compression are not part of the approval, and
 - d. Structural solutions around opening must be included.
- ☐ Calculations verifying structural results of the tested structure including:
 - a. Bending, shear, axial and combined stresses on the frame and the cover,
 - b. Deflection limits on the frame and the cover (See the SFBC chapter 23),
 - c. Foundation support and overturning of the entire structure, and
 - d. Fasteners and connectors.
- ☐ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol PA 301.

- ☐ Impact test per PA 201.
- ☐ Uniform static air test per PA 202.
- ☐ Cyclic test per PA 203.
- ☐ Gravity load test of 24 hr. duration and test load of 60 psf according to chapter 23 of the SFBC. This test is required for roof panels only.

Notes:

1. If cooler/freezer has plastic as a component, add plastic checklist to these requirements.
2. Specimen tested with equal continuous spans shall have a 2:1 safety factor.

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